Index of Claims

| Appl | lication | Contro | l No. |
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10/682,152 Examiner

Applicant(s)/Patent under Reexamination LANDRAM ET AL.

Art Unit

William L. Bangachon

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| Cla         | aim        | Date      |              |              |              |  | ]        | Cla                | Date         |                                     |     |          |          |          |                 |          | Cla      | aim       | Date     |          |           |          |   |              |            |                 |          |          |  |                |                 |               |            |          |
|-------------|------------|-----------|--------------|--------------|--------------|--|----------|--------------------|--------------|-------------------------------------|-----|----------|----------|----------|-----------------|----------|----------|-----------|----------|----------|-----------|----------|---|--------------|------------|-----------------|----------|----------|--|----------------|-----------------|---------------|------------|----------|
|             |            |           | Γ            | П            | Τ            |  | Т        | T                  | П            |                                     | 1   |          |          | Γ        |                 |          | Γ        |           |          |          |           |          |   |              |            |                 |          |          |  |                |                 | П             |            |          |
| <u></u>     | Original   | 5         | l            |              |              | 1  | ı        | İ                  | İ            |                                     |     | <u>=</u> | Original | 5        |                 |          |          |           |          |          |           |          |   | <del>-</del> | Original   |                 |          |          |  |                |                 | ıl            |            |          |
| Final       | <u>:</u> 5 | 2/5/07    |              |              | 1            | 1  | ı        |                    |              |                                     |     | Final    | ğ        | 2/5/07   |                 |          |          |           |          |          |           |          |   | Final        | ij         | ı               | ]        |          | 1 1  |                | 1 1             | ıi            |            |          |
| "           | ō          | 14        |              |              |              | l  | ı        |                    |              |                                     |     | ш.       | ō        | N        |                 |          |          |           |          |          |           |          | -   | ш            | ŏ          |                 | }        |          |  |                | 1 1             | ıl            |            |          |
|             |            | ١.,       | -            | -            |              | <del> </del>                                     | ╄-       | +                  | ₩            | _                                   |     |          |          | <b> </b> | _               |          | _        | -         | _        |          |           |          |   |              |            |                 | -        | _        | Ш  | Ш              | $\sqcup$        | $\dashv$      | $\perp$    | Щ        |
|             | 1_         | 1         | <u> </u>     | _            | ļ            | <u> </u>   | ↓_       | 4_                 | <del> </del> |                                     |     |          | 51       | 1        | <u> </u>        |          | L        |           |          | _        |           |          | ~ ′   |              | 101        |                 | $\dashv$ |          |  |                | Ш               |               |            | Ш        |
|             | 2          | Ш         | _            | L            | _            | _  | L        |                    | _            | _                                   | ]   |          | 52       | 1        | _               |          | _        |           |          |          |           |          |   |              | 102        |                 | _        |          |  |                | Ш               | $\square$     |            | Ш        |
|             | 3          | Ш         |              |              |              |  | L        |                    |              | _                                   | ]   |          | 53       | Ш        |                 |          |          |           |          |          |           |          |   |              | 103        |                 |          |          | Ш  |                | Ш               | لب            |            |          |
|             | 4          | Ш         |              |              |              |  | L        |                    |              |                                     |     |          | 54       | Ш        |                 |          |          |           |          |          |           |          |   |              | 104        |                 |          |          |  |                | Ш               | لــــا        |            |          |
|             | 5          | П         |              | П            |              |  | П        |                    |              |                                     | 1   |          | 55       | П        |                 |          |          |           |          |          |           |          |   |              | 105        |                 | П        |          | $\Box$   |                |                 | П             |            |          |
|             | 6          | П         |              | Г            |              |  |          | T                  |              |                                     | ]   |          | 56       | П        |                 |          |          |           |          |          | $\neg$    |          |   |              | 106        |                 | $\neg$   |          |  |                | $\Box$          |               |            |          |
|             | 7          | П         |              |              |              | П  | Т        | 1                  | 1            | Г                                   | 1   |          | 57       | П        |                 |          |          |           |          |          |           |          |   |              | 107        |                 | $\neg$   | $\neg$   | $\Box$   |                | П               | $\Box$        | $\neg$     | П        |
|             | 8          | Ħ         | ┢            | Г            | Ι-           | T  | T        | 1                  | T            | _                                   |     |          | 58       | T        |                 |          |          |           |          |          | $\neg$    |          |   |              | 108        |                 |          |          |  |                |                 | $\neg$        | $\neg$     |          |
|             | 9          | Ħ         | $\vdash$     | H            | _            | H  | T        | $\top$             | $\vdash$     |                                     |     |          | 59       | H        |                 | _        |          |           |          | $\neg$   | $\neg$    |          |   |              | 109        |                 | $\dashv$ | $\neg$   | $\vdash$   |                | Н               | $\neg$        |            |          |
|             | 10         | ╫         | $\vdash$     | $\vdash$     | $\vdash$     | H  | H        | +                  | +            | $\vdash$                            | 1   |          | 60       | Н        | -               | $\vdash$ | -        | Н         | -        | $\neg$   | $\dashv$  |          |   |              | 110        |                 | $\dashv$ | $\dashv$ |  |                | $\vdash$        | -             | _          | $\dashv$ |
|             | 11         | H         | $\vdash$     | H            | $\vdash$     | ├  | t        | +-                 | +            | 1                                   | 1   |          | 61       | H        | -               | _        |          | Н         | $\dashv$ | -        | -         |          | 1   |              | 111        |                 | $\dashv$ | $\dashv$ | $\vdash$   |                | $\vdash$        | <del>  </del> | $\dashv$   | $\dashv$ |
| <del></del> | 12         | ╫         | +-           | <del> </del> | +            | -  | +        | +                  | $\vdash$     | -                                   | 1   |          | 62       | i        | Н               | $\vdash$ | Н        | $\vdash$  | $\dashv$ | $\dashv$ |           | $\dashv$ |   |              | 112        | $\dashv$        | -        | $\dashv$ | $\vdash$   | Н              | $\vdash$        | $\dashv$      | $\dashv$   | $\dashv$ |
|             | 13         | ╫         | -            | $\vdash$     | <del> </del> | -  | +        | +-                 | +-           |                                     | 1   |          | 63       | Ť        | Н               | -        | $\vdash$ | $\vdash$  | $\dashv$ |          | $\dashv$  |          | -   | <u> </u>     | 113        | $\dashv$        | $\dashv$ |          | -  | $\vdash$       | $\vdash$        | $\dashv$      | $\dashv$   | $\dashv$ |
| $\vdash$    | 14         | ╫         | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | ╁        | +                  | ╁            | $\vdash$                            | 1   | -        | 64       | $\vdash$ | $\vdash$        | _        | -        | $\vdash$  | $\dashv$ |          |           | $\dashv$ |   |              |            |                 | $\dashv$ | $\dashv$ | $\vdash\vdash$                                   | $\vdash$       | $\vdash$        |               |            | $\dashv$ |
|             | 15         | H         | <del> </del> | -            |              |  | ╀        | +-                 | 1-           | ├                                   | 1   | $\vdash$ | 65       | -        | Н               | $\dashv$ | -        | $\vdash$  | -        |          | $\dashv$  | $\dashv$ |   |              | 114<br>115 |                 |          | -        | $\vdash\vdash$                                   | $\vdash\vdash$ | $\vdash \vdash$ | $\dashv$      | $\dashv$   | $\dashv$ |
|             |            | H         |              | ⊢            | -            | <u> </u>   | -        | -                  | ┼            | <u> </u>                            |     |          |          | _        | Н               | _        | _        | Н         | -        | _        |           | -        | 4   |              |            |                 |          | _        | ${oldsymbol{\sqcup}}$                            | $\vdash$       | $\vdash$        | $\dashv$      | $\dashv$   | $\dashv$ |
| <u> </u>    | 16         | #         | $\vdash$     | <del> </del> | _            | ⊢  | ╀        | +                  | 1            | ŀ                                   |     |          | 66       | <u> </u> | Н               | $\vdash$ | $\vdash$ | Н         | -        | _        |           | _        |   |              | 116        | -               | _        |          | $\square$  | <b>  </b>      | $\dashv$        | $\dashv$      | _          | Щ        |
|             | 17         | 1         | $\vdash$     | <u> </u>     | 1            | -  | $\perp$  | +                  | 1            | _                                   |     | $\Box$   | 67       | <u> </u> | <u> </u>        |          | Щ        | $\square$ | 4        |          |           |          | <u>,.                                    </u> |              | 117        |                 | _        |          | Ш  |                | Ш               | _             |            | Щ        |
|             | 18         | Ш         | ļ            | _            |              | <u> </u>   | 1        | ┷                  | 1_           | _                                   |     |          | 68       | <u> </u> | Ш               |          |          |           |          | _        | _         | _        |   |              | 118        |                 | _        | _        | Ш  |                | Ш               |               | _          |          |
|             | 19         | Ш         | $oxed{oxed}$ | L_           | L.           | _  | _        | ╀                  | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |     |          | 69       |          | Ш               |          |          |           | _        |          |           |          | 7   |              | 119        |                 | _        |          | Ш  |                |                 |               |            |          |
|             | 20         | Ш         | <u> </u>     |              | ļ.,_         |  | _        | $oldsymbol{\perp}$ | 丄            |                                     |     |          | 70       | _        | Ш               |          |          |           |          | _        |           |          |   |              | 120        |                 |          |          | Ш  |                | Ш               |               |            |          |
|             | 21         | <u>L</u>  | _            |              |              | L  | L        |                    | _            |                                     |     |          | 71       | _        |                 |          |          |           |          |          |           |          |   |              | 121        |                 |          |          | Ш  |                |                 |               |            |          |
|             | 22         | LL        |              |              |              |  | _        |                    |              | _                                   |     |          | 72       |          |                 |          |          |           |          |          |           |          |   |              | 122        |                 |          |          |  |                |                 |               |            |          |
|             | 23         |           |              |              |              |  |          |                    |              |                                     |     |          | 73       |          |                 |          |          |           |          |          |           |          |   |              | 123        |                 |          |          | П  |                | П               |               | $\neg$     |          |
|             | 24         | П         |              |              |              |  |          |                    |              |                                     |     |          | 74       |          |                 |          | •        |           |          |          |           |          | -   |              | 124        |                 |          | $\neg$   | П  |                | П               |               |            |          |
|             | 25         | П         |              |              |              |  | Г        | T                  | Π            | Г                                   |     |          | 75       |          |                 |          | . 1      |           | ı        | T        |           |          |   |              | 125        | $\neg$          | T        |          | $\Box$   |                | П               | $\Box$        | $\neg$     |          |
|             | 26         | П         |              |              |              |  | Т        |                    | П            |                                     |     |          | 76       |          |                 |          | Ť        |           |          |          |           |          | ٠.  |              | 126        |                 |          | $\neg$   | $\Box$   |                | $\Box$          | $\Box$        | ╗          |          |
|             | 27         | П         | Г            |              |              | Г  | T        |                    | T            |                                     | 1   |          | 77       |          |                 |          | 1        |           |          |          |           |          |   |              | 127        |                 | ヿ        | $\neg$   | $\sqcap$   | П              | П               |               | ᄀ          |          |
|             | 28         | T         |              | 1            | $\vdash$     | Г  | 1        | 1                  | Т            |                                     | 1   |          | 78       |          | П               |          | É        |           |          |          |           |          | . *   |              | 128        | _               | $\dashv$ | $\neg$   | $\Box$   | П              |                 |               | $\dashv$   |          |
|             | 29         | H         |              |              | T            |  |          | 1                  | 1            | -                                   | - 1 |          | 79       |          |                 |          | 4        | $\exists$ | $\neg$   | $\neg$   | _         | $\neg$   |   |              | 129        | $\neg$          | _        | $\neg$   |  |                | $\vdash$        | $\neg$        | $\dashv$   | $\neg$   |
| $\vdash$    | 30         | H         | $\vdash$     |              | $\vdash$     | $\vdash$   | $t^-$    | 1-                 | 十一           |                                     | 1   |          | 80       |          |                 |          |          |           | _        |          |           |          |   |              | 130        | $\dashv$        | -        | $\neg$   | ı  | $\exists$      | $\Box$          | $\dashv$      | ᅱ          | $\dashv$ |
| $\vdash$    | 31         | H         | _            |              | $\vdash$     | $\vdash$   | $\vdash$ | +                  | t            | -                                   |     |          | 81       | $\vdash$ | Н               | -        | -        |           |          | $\dashv$ | $\dashv$  |          |   |              | 131        | $\dashv$        | -        | $\dashv$ | <del>                                     </del> |                |                 | $\dashv$      | $\dashv$   | $\dashv$ |
| <u> </u>    | 32         | H         |              | -            | ├            | <del>                                     </del> | ╁╌       | +                  | ╁╌           | ┢                                   |     |          | 82       |          | $\vdash$        | $\dashv$ | -        |           | -        |          |           | $\dashv$ |   |              | 132        | -               | +        | $\dashv$ | $\vdash$   | -              | $\vdash$        | $\dashv$      | $\dashv$   | $\dashv$ |
| <u> </u>    | 33         | Н         | ┢            | ┢╌           | -            | ┝  | ╁╌       | +                  | ╁╌           |                                     |     |          | 83       |          |                 | -        | -        |           | $\dashv$ | $\dashv$ |           | $\dashv$ |   |              | 133        | $\dashv$        | $\dashv$ | $\dashv$ | $\vdash$   | $\dashv$       | <del>  </del>   | $\dashv$      | $\dashv$   | $\dashv$ |
| <u> </u>    | 34         | ╫         | ┢            | ├            | ╁            | ⊢  | ╁        | ╁                  | $\vdash$     |                                     |     |          | 84       | <u> </u> |                 | $\dashv$ |          |           | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |   |              | 134        |                 | $\dashv$ | $\dashv$ | H  | $\dashv$       | $\vdash$        | -             |            | $\dashv$ |
|             | 35         | ╫         | ├            | ├            | ├            | ⊢  | ╁        | ╁                  | ┼            | $\vdash$                            |     |          | 85       | H        | $\vdash$        | $\dashv$ | -        |           | $\dashv$ | $\dashv$ |           | -        |   |              | 135        | $\dashv$        | +        | $\dashv$ | ╁─┤  | $\dashv$       | $\vdash$        |               | $\dashv$   | $\dashv$ |
|             |            | ╫         | -            | -            | ⊢            | -  | ⊢        | +                  | $\vdash$     | _                                   |     |          |          |          | $\vdash$        | $\dashv$ | -        |           |          |          |           | -        |   |              | 133        | -               | -        |          | $\vdash$   |                |                 | _             |            | $\dashv$ |
| <b></b> -   | 36         | ₩-        | -            | -            | -            | <del> </del>                                     | -        | +-                 | -            | $\vdash$                            |     |          | 86       | <u> </u> | $\vdash$        |          | $\dashv$ | $\dashv$  | -        |          |           |          |   |              | 136        |                 | $\dashv$ | _        | ${\color{red}{\vdash}}$                          | $\dashv$       | Щ               | _             |            | $\dashv$ |
|             | 37         | ₩.        | <u> </u>     | <u> </u>     | -            | -  | -        | +-                 | -            | <u> </u>                            |     |          | 87       | _        | $\vdash \vdash$ | $\dashv$ | $\sqcup$ | $\square$ | _        |          |           | _        |   |              | 137        | -               | _        | _        | ⊢⊢   |                | $\vdash \vdash$ | $\dashv$      | _          | Ц        |
|             | 38         | ₩.        | <u> </u>     | <u> </u>     | <b> </b>     | <u> </u>   | $\vdash$ | ╁                  | ↓_           | <u> </u>                            |     |          | 88       | ļ        |                 | _        | Ш        | $\Box$    | _        | _        | _         | $\dashv$ |   |              | 138        | _               | _        | _        | Ш  | _              | Ш               | _             |            |          |
| L           | 39         | Щ.        | <u> </u>     | <u> </u>     | $\vdash$     | <u> </u>   | L        | 1                  | <u> </u>     | L                                   |     |          | 89       | <u> </u> |                 |          |          | ·         | _        | _        | _         |          | - 1   |              | 139        | _               | _        |          | Щ  |                | Ш               | $\dashv$      |            |          |
|             | 40         | IJ.       |              | _            | $oxed{oxed}$ | _  | ┖        | _                  | ऻ_           | <u> </u>                            |     |          | 90       | Ш        |                 |          |          |           | _        | ļ        |           |          |   |              | 140        | $\bot$          |          |          |  |                | Ш               |               |            |          |
|             | 41         | Щ         |              | _            | L            | L_   | $\perp$  | $oldsymbol{\perp}$ | oxdot        | L                                   |     |          | 91       |          |                 |          |          |           |          |          |           |          |   |              | 141        |                 |          |          | Ш  | ]              |                 |               | [          |          |
| igsqcut     | 42         | $\coprod$ | $oxed{oxed}$ | ㄴ            |              |  | L        | 1_                 | <u></u>      | _                                   |     |          | 92       |          |                 |          | _]       |           |          |          | [         |          | ĺ   | ]            | 142        |                 |          | I        |  |                |                 |               | $_{\perp}$ |          |
|             | 43         | Ш         |              | L            |              |  | L        |                    |              |                                     |     | I        | 93       |          |                 |          | ]        |           |          |          |           |          |   | ]            | 143        | $\Box$          | $\Box$   |          |  |                |                 |               |            |          |
|             | 44         | Ш         |              |              |              | L  | Ĺ        | $\perp$            |              |                                     | [   | T        | 94       |          |                 |          | [        |           |          |          | J         |          |   |              | 144        |                 |          |          |  |                |                 |               |            |          |
|             | 45         | $\prod$   |              |              |              |  |          | Γ                  |              |                                     |     |          | 95       |          |                 |          |          |           |          | $\Box$   | $\exists$ |          |   |              | 145        |                 |          | $\neg$   | $\Box$   | $\neg$         | $\Box$          | $\neg$        | $\exists$  | $\neg$   |
|             | 46         | IT        |              |              |              |  | Γ        | Г                  |              |                                     |     |          | 96       |          |                 |          |          |           |          | $\neg$   | $\neg$    |          |   |              | 146        |                 | $\neg$   | $\neg$   | $\neg$   | ヿ              | $\neg$          | $\neg$        | $\neg$     | $\neg$   |
|             | 47         | П         |              |              |              |  | Γ        |                    |              |                                     |     |          | 97       |          |                 |          |          |           |          |          |           |          | ·   |              | 147        | $\dashv$        | ヿ        | $\neg$   | $\sqcap$   | $\neg$         | $\neg$          | $\neg$        | ヿ          | $\neg$   |
|             | 48         | П         |              |              |              |  | Ī        |                    |              |                                     |     |          | 98       |          |                 |          | 7        | 寸         | 寸        |          |           |          | Ì   |              | 148        | $\neg \uparrow$ | $\neg$   | $\dashv$ | 一  | $\dashv$       | $\neg$          | $\neg$        | $\dashv$   | $\dashv$ |
|             | 49         | +         |              | Т            | П            |  |          | $\top$             |              | П                                   |     |          | 99       |          |                 | $\neg$   | _        | $\neg$    | 7        | $\neg$   |           | _        |   |              | 149        | 寸               | _        | $\neg$   | $\neg$   | $\dashv$       | $\dashv$        | $\dashv$      | $\dashv$   | $\dashv$ |
|             | 50         | 1         |              |              | $\Box$       |  | Τ        | T                  | П            |                                     |     |          | 100      |          |                 |          | _        |           | $\dashv$ | $\neg$   | $\dashv$  | $\dashv$ | ı   |              | 150        | 7               | $\dashv$ | $\dashv$ | $\neg$   | $\neg$         | $\dashv$        | $\dashv$      | ヿ          | 一        |
|             |            |           |              |              |              |  | -        |                    |              |                                     |     |          |          |          |                 |          | _        |           |          |          |           |          | ·   |              |            |                 |          |          |  | _              |                 |               |            |          |